AMENDMENTS IN THE CLAIMS:

1. (Currently Amended) A carousel changer, comprising:

a turntable provided with a plurality of trays around its rotating shaft, said trays each carrying a disk thereon;

a motor rotating said turntable;

a rib formed annularly at said turntable, said rib including a plurality of count areas each for identifying one of said trays and a plurality of stop areas for stopping the rotation of said turntable, said stop areas alternated with said count areas, each of said count and stop areas including a plurality of recessed portions and a plurality of raised portions, said plurality of recessed portions including an internal recessed portion and a boundary recessed portion, said boundary recessed portion formed at the boundary between said count area and said stop area, said plurality of raised portions including an internal raised portion adjacent to the internal recessed portion and a boundary raised portion adjacent to the boundary recessed portion, a ratio of a width of said boundary recessed portion to a width of said boundary raised portion being different from a ratio of a width of said internal recessed portion to a width of said internal raised portion ~~and provided with a plurality of recessed portions and a plurality of raised portions for indicating the position of said plurality of trays in said turntable~~;

a sensor detecting the width of said recessed portions and said raised portions;

a comparator comparing the width of said recessed portion and the width of said raised portion adjacent to said recessed portion; and

a controller controlling said motor based on the ratio of the width of said recessed portion ~~and~~ to the width of said raised portion obtained by said comparator ~~detected by said sensor~~.

2. (Canceled)

3. (Currently Amended) The carousel changer according to claim ~~[2]~~ 1, wherein

said controller includes a timer counting time for which said sensor detects said recessed portion or said raised portion to obtain the width of said recessed portion or said raised portion.

4.   (Currently Amended)   The carousel changer according to claim 1, wherein

the width of said boundary raised portion is at most the width of said adjacent boundary recessed portion and the width of said internal raised portion is wider than the width of said adjacent internal recessed portion

~~said rib includes,~~

~~a plurality of count areas each for identifying one of said trays; and~~

~~a plurality of stop areas for stopping the rotation of said turntable when said plurality of trays come to a prescribed position, said stop areas alternated with said count areas,~~

~~said controller determines that said sensor ends detection of said count area and starts to detect said stop area when the width of said raised portion is at most the width of said adjacent recessed portion upon detecting said count area, and~~

~~said controller determines that said sensor ends detection of said stop area and starts to detect said count area when the width of said raised portion is at most the width of said adjacent recessed portion upon detecting said stop area.~~

5.   (Currently Amended)   The carousel changer according to claim 1, wherein

~~said rib includes,~~

~~a plurality of count areas each for identifying one of said trays; and~~

~~a plurality of stop areas for stopping the rotation of said turntable when said plurality of trays come to a prescribed position, said stop areas alternated with said count areas,~~

said controller identifies each of said plurality of trays based on the number of detected <u>internal</u> recessed portions or <u>internal</u> raised portions while said sensor detects said count area.

6.   (Currently Amended)   The carousel changer according to claim 5, wherein

said controller counts the number of detected <u>internal</u> recessed portions or <u>internal</u> raised portions by determining that the width of said raised portion is wider than the width of said adjacent recessed portion.

7.   (Currently Amended)   The carousel changer according to claim 5, wherein

the number of <u>internal</u> recessed portions or <u>internal</u> raised portions in said count area is different from the number of <u>internal</u> recessed portions or <u>internal</u> raised portions in said stop area.